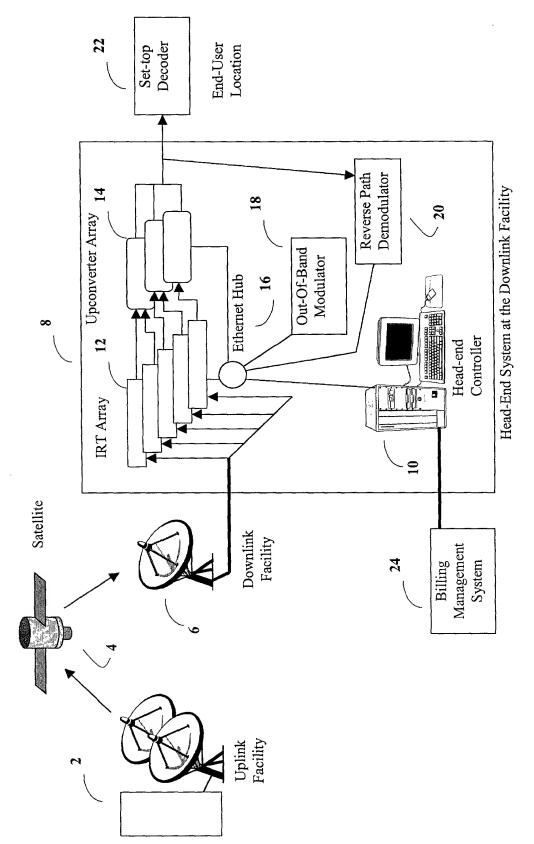
Title SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS Inventor(s) R Booth Docket No . GIC-631



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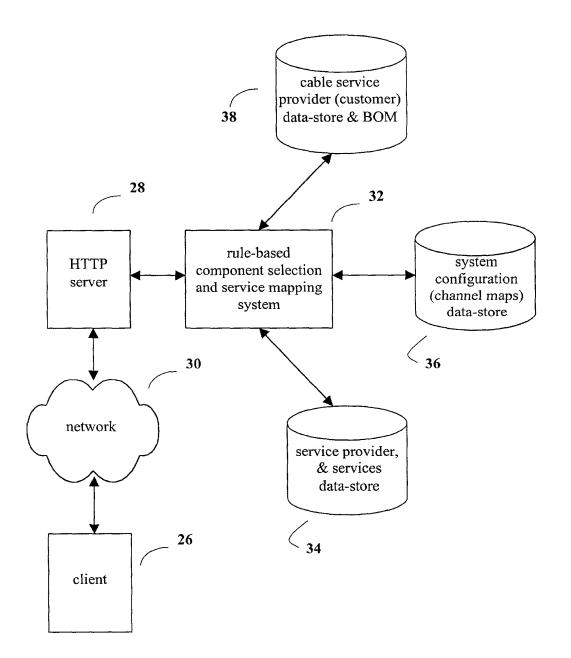


FIG. 2

Title. SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS

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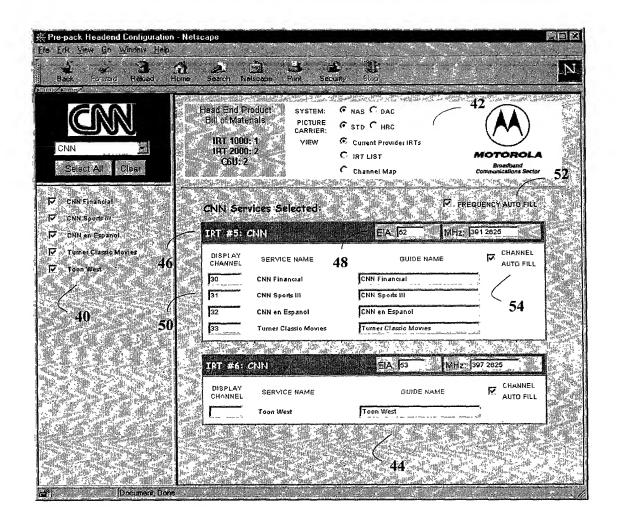


FIG. 3a

Title SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS Inventor(s): R. Booth Docket No GIC-631

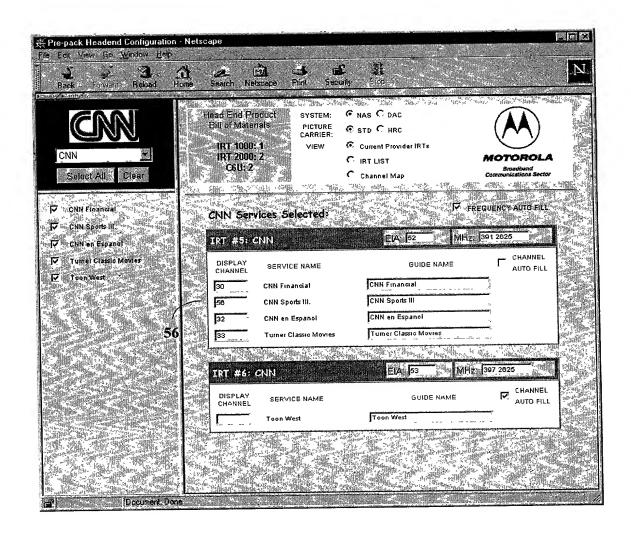


FIG. 3b

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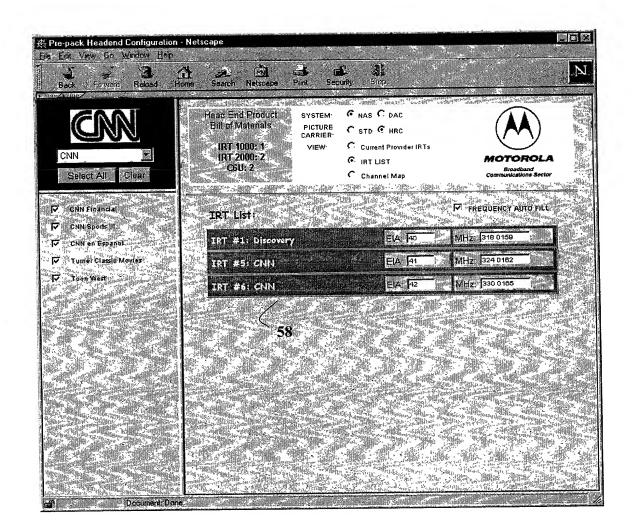


FIG. 4

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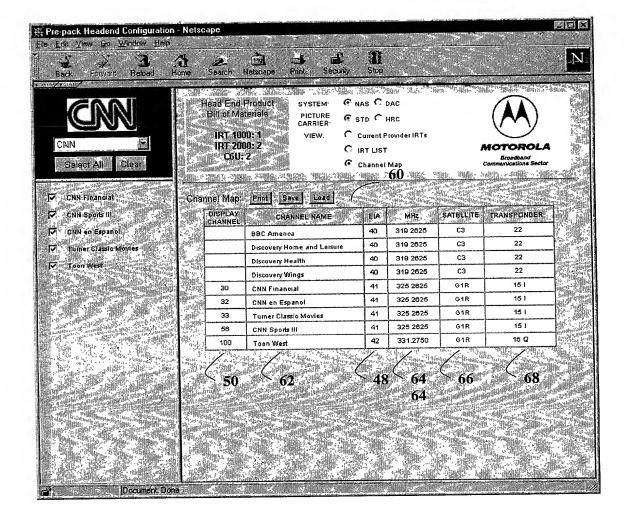
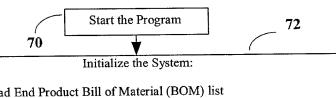


FIG. 5

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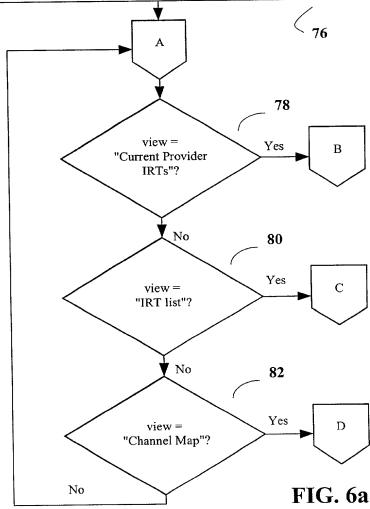
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- 1) Clear Head End Product Bill of Material (BOM) list
- 2) Clear "Selected Services" file
- 3) Access Service Provider and Services data-store
- 4) Access customer BOM data-store
- 5) Access system configuration with channel map data-store

Start and initialize the User Interface:

- 1) Display Provider list with default selected and display listing of multimedia services available
- 2) Display Head End BOM summary
- 3) Display & select default settings for System (NAS or DAC), Picture Carrier (STD or HRC)
- 4) Display & select default settings for View (Current Provider IRTs, IRT List, or Channel Map)

Display frame 1: service providers and services Display frame 2: BOM and system, picure carrier, and view options



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If a service provider is selected, display a sorted list of queuing devices configured for that provider. Also display changeable fields for associated EIA, frequency, guide names for the service, and their respective display channels. Also display the nonchangeable service names, and Frequency Auto Fill and Channel Auto Fill selection boxes.

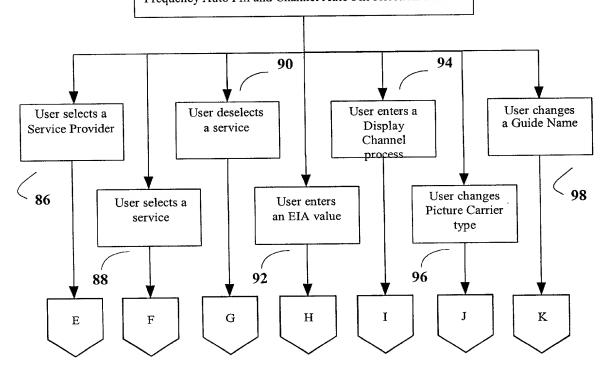


FIG. 6b

SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS

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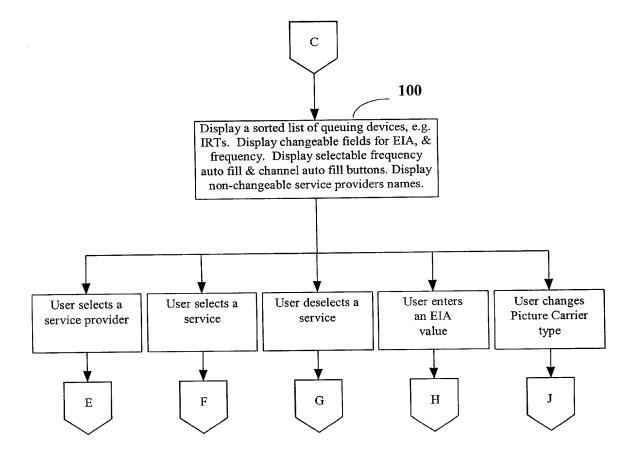


FIG. 6c

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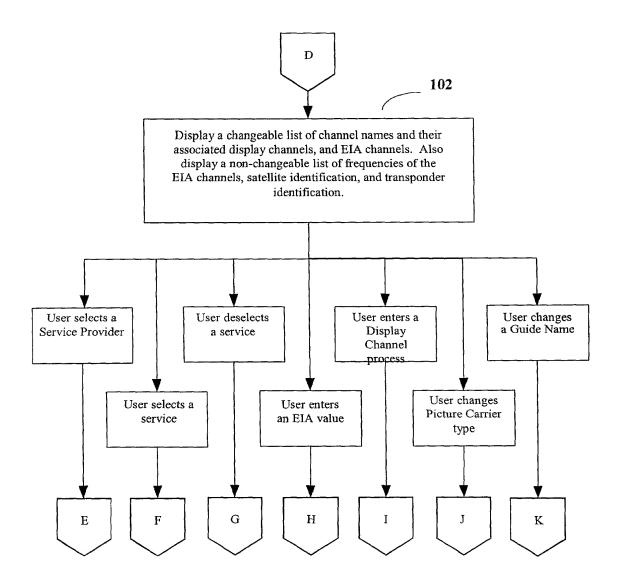


FIG. 6d

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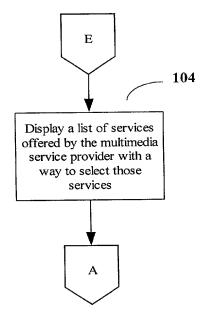
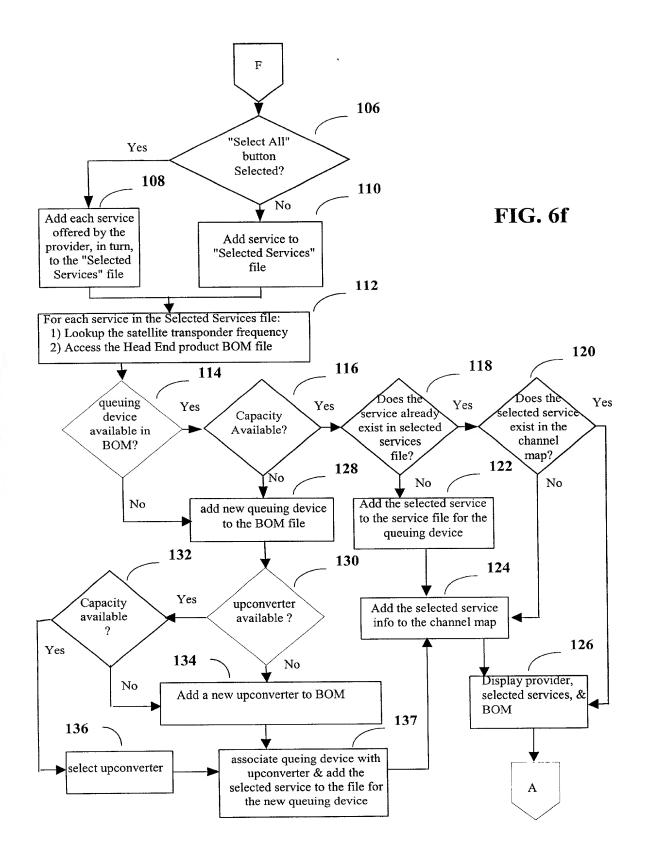


FIG. 6e

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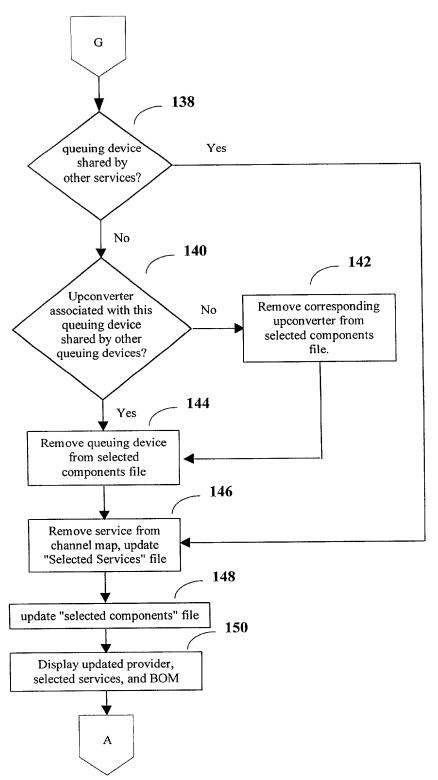


FIG. 6g

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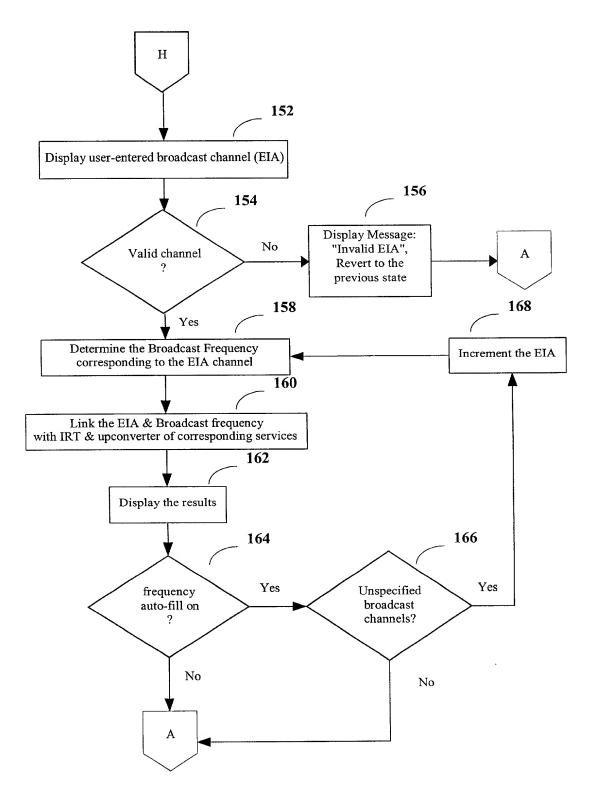


FIG. 6h

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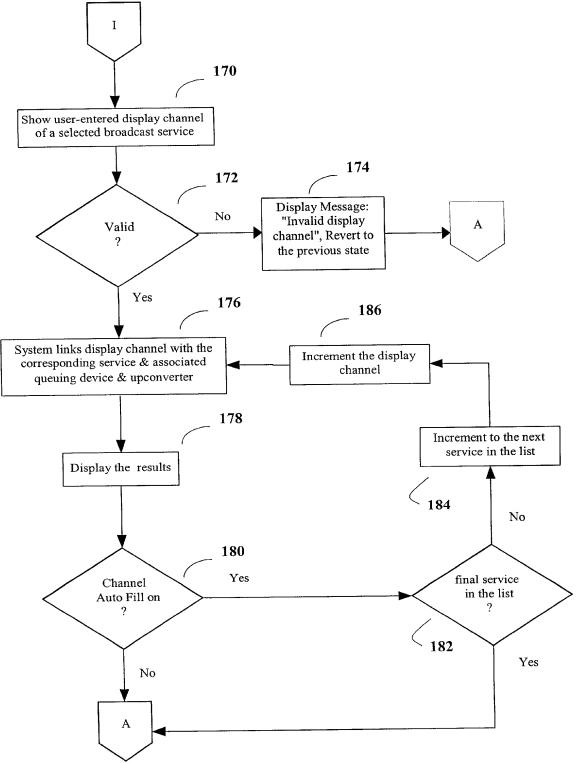


FIG. 6i

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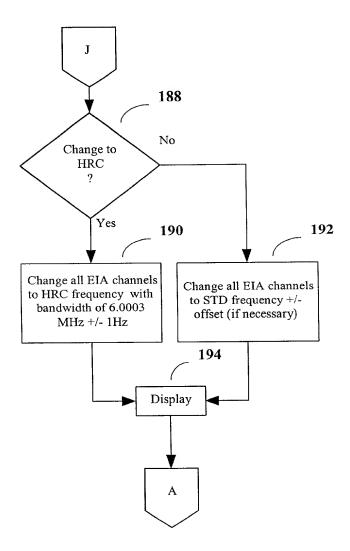


FIG. 6j

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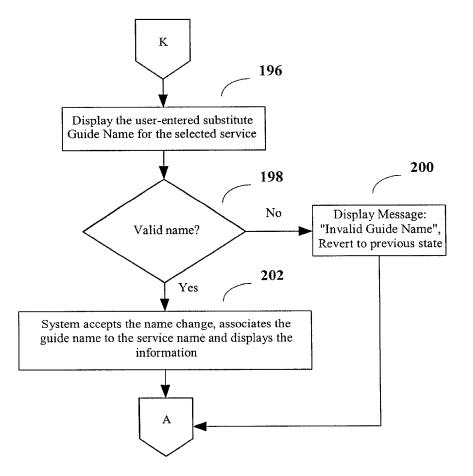


FIG. 6k